Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 01 Apr 2022 until 23:59 on Saturday 02 Apr 2022

Forecast Issued on Thursday 31 Mar 2022 at 12:38

Confidence: High for initial cold theme with snow showers. Lower confidence for extent of cloud and snow passing narrowly west of the area later Friday. Gradually trending less cold and more unsettled as the period progresses, although detail regarding this change is of lower confidence.

Headline for Friday 01 Apr 2022: Cold with icy stretches and snow showers. Some showers will be heavy and locally frequent, eventually easing into the evening.

Mountain weather hazards on Friday 01 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Light snow showers (night)	Light snow showers (night)	Heavy snow showers	Light snow showers	Light snow showers	Sunny intervals	Cloudy
Precipitation probability							
40%	30%	30%	60%	60%	40%	20%	20%

Forecast for Friday 01 Apr 2022

Weather: A cold night, with icy stretches developing in the wake of ongoing snow showers. These snow showers will especially affect ground exposed to the northeast, with western parts perhaps more liable to frost. Bright or sunny intervals are expected to be in limited supply by day given the frequency of snow showers, however western parts will generally fare best. Further east, showers will be heavier and more numerous, with hail and thunder possible. Showers will ease generally into the evening, with cloud increasing as a weather system passes nearby to the west.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Prevailing visibility will be notably good, but with frequent significant drops following tracks of inbound snow showers, and near-whiteout conditions where these pass overhead. Cloud should generally lie clear of the highest ground, but will become indistinct in snow showers, with visibility affected as low down as valley floors at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 01 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 N	16/22 N	16/23 N	17/24 N	15/23 N	16/24 N	10/14 NE	6/9 N	4/6 N
300	11/17 N	10/16 N	9/14 N	13/21 N	13/21 N	14/21 NE	7/12 NE	4/6 NE	3/5 NE
Valley	8/20 N	7/17 N	8/18 N	10/20 N	10/20 N	11/21 N	6/12 N	2/5 E	2/4 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-3/-10	-3/-10	-2/-8	1/-5	1/-5	-0/-5	-1/-4	-1/-4
300	-0/-5	-1/-6	-1/-5	2/-4	4/-1	4/-1	3/-0	1/-1	0/-2
Valley	0/-4	-0/-4	-0/-4	3/-1	5/2	6/2	4/1	1/-0	0/-1
Freezing Level*	200m	100m	100m	300m	300m	400m	400m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very different feel on the slopes to this time last week – a return to winter conditions but with a possibly deceptively strong sun.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 31 Mar 2022	1.2mm	1.2mm	2.6mm

Forecast for Saturday 02 Apr 2022

Weather: Most likely a fine and frosty start, but perhaps on the cloudy side in the west at least. Otherwise a brighter day than on Friday, with fewer, lighter wintry showers, with these perhaps more liable to fall as sleet over low ground rather than snow. Snow is not likely to accumulate in any quantity, even over higher ground, with north-facing ground more affected. Becoming generally fine once again into the evening, with a widespread frost and local icy stretches.

Maximum wind: Northeasterly 20mph, more likely near showers but perhaps variable in direction.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Excellent prevailing visibility, with cloud clear of the peaks and with more local deteriorations in wintry showers compared to Friday.

Temperature: **Valleys:** Minus 3 becoming plus 6 Celsius.
At 600m: Minus 1 becoming zero Celsius.
Freezing level: 300 metres, rising to level of highest peaks later.

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